

ABSTRACT

Transducer for converting mechanical stress into electric signals, which transducer is composed of at least one electromechanical sheet (107,108) and is capable of
5 converting mechanical stress into electric signals and in which transducer at least one of the electrodes required by the electromechanical sheet is disposed on the surface of one or more thin and flexible dielectric materials, said electrodes (109) forming electrically conductive surfaces of the transducer for connecting the transducer to a signal processing device, said electromechanical sheets being
10 permanently charged cellular electret film and which transducer is constructed of a unitary, thin and flexible layered laminate structure.